Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 06 May 2021 until 23:59 on Friday 07 May 2021

Forecast Issued on Wednesday 05 May 2021 at 15:01

Confidence: High for continuation of unsettled conditions, but moderate for timing of rain on Saturday.

Headline for Thursday 06 May 2021: Sunshine and showers, with a risk of hail, thunder and hill snow.

Mountain weather hazards on Thursday 06 May 2021

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Cloudy	Sunny intervals	Sunny intervals	Light snow showers	Light snow showers	Sunny intervals	Cloudy
Precipitation probability							
30%	10%	10%	10%	30%	30%	10%	20%

Forecast for Thursday 06 May 2021

Weather: Isolated showers of rain, and snow above 400m, continuing through the early hours. A widespread frost is possible at all levels away from the showers. A bright and sunny morning, with any frost clearing, perhaps a little slower in shelter. Showers then developing widely throughout the day, perhaps heavy and thundery with a risk of hail. Snow showers are also possible above 400m, which may accumulation of soft verges. Showers easing through the evening, but a band of rain and hill snow then moving south across the park toward midnight.

Chance of cloud free mountain/hill tops above 600m: 80% becoming 60% in the showers through the day.

Visibility: Very good or excellent throughout the day, but with a risk of rapid deterioration to poor or very poor in the heavier showers, where bases could drop to 500m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 06 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 W	10/14 SW	11/15 W	12/17 W	17/25 W	20/29 W	19/27 NW	18/25 W	14/20 W
300	7/9 SW	6/9 SW	8/12 W	9/15 W	14/22 W	18/28 W	17/26 W	14/22 W	12/18 NW
Valley	5/8 SW	5/9 W	6/10 W	8/16 W	12/23 W	14/26 W	12/24 NW	9/20 W	7/15 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-5	-1/-6	-1/-6	1/-4	3/-3	2/-3	2/-4	1/-5	0/-5
300	1/-2	0/-3	1/-3	3/-0	5/1	5/0	5/-0	4/-1	3/-2
Valley	2/-0	1/-2	2/-1	5/2	7/4	6/2	5/2	4/1	3/-0
Freezing Level*	400m	400m	400m	400m	400m	600m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A mixture of potential strong sunshine and heavy showers with the weather likely to change rapidly throughout the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 05 May 2021	0mm	0mm	0mm

Forecast for Friday 07 May 2021

Weather: Band of rain moving south at first, perhaps producing snow down to around 400m. Away from the rain and hill snow, skies will generally be clear with a widespread frost possible at all levels by dawn. Any rain then easing by dawn to leave a dry and bright start with sunny spells. Showers developing widely through the day with a risk of snow showers above 200m briefly in the morning, this risk then rising to 400m through the day. Showers slowly easing during the evening with some brighter spells possible.

Maximum wind: West or northwesterly winds 15-20mph with gusts 25-30mph at first, slowly easing.

Chance of cloud free mountain/hill tops above 600m: Greater than 90%, becoming 60% as showers bubble up through the day.

Visibility: Generally very good or excellent. Becoming poor or very poor in rain or snow showers, with cloud bases perhaps descending to 600m in heavier showers.

Temperature: **Valleys:** Plus 1 Celsius, rising to 9 Celsius
At 600m: Minus 1 Celsius rising to plus 5 Celsius.
Freezing level: 400m rising to above the summits later in the day.

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